



PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | |
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| Application Number | 10/698,263 |
| Filing Date | October 30, 2003 |
| First Named Inventor | KARLSSON, et al. |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 200311960-1 |

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | |
|--|
| <input type="checkbox"/> Fee Transmittal Form |
| <input type="checkbox"/> Fee Attached |
| <input type="checkbox"/> Amendment/Reply |
| <input type="checkbox"/> After Final |
| <input type="checkbox"/> Affidavits/declaration(s) |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |

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| <input type="checkbox"/> Drawing(s) |
| <input type="checkbox"/> Licensing-related Papers |
| <input type="checkbox"/> Petition |
| <input type="checkbox"/> Petition to Convert to a Provisional Application |
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| <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 2 Return Postcards, 1 Reference |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|-------------------------------------|
| Firm or Individual name | Derek J. Westberg (Reg. No. 40,872) |
| Signature | |
| Date | May 11, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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| Typed or printed name | Lori L. Smith |
|-----------------------|---------------|

Signature

Date May 11, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): KARLSSON, et al.

Confirmation No.:

Application No.: 10/698,263

Examiner:

Filing Date: Oct. 30, 2003

Group Art Unit:

Title: METHOD OF DETERMINING BOUNDS FOR MINIMUM COST

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: May 11, 2004

OR

☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____
Number of pages: _____

Typed Name: Brian L. Smith

Signature: Brian L. Smith

Respectfully submitted,

KARLSSON, et al.

By Derek J. Westberg

Derek J. Westberg

Attorney/Agent for Applicant(s)

Reg. No. **40,872**

Date: **May 11, 2004**

Telephone No.: **(408) 293-9000**



PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200311960-1

APPLICATION NO.

10/698,263

CONFIRMATION

APPLICANT

Karlsson, et al.

FILING DATE

Oct. 30, 2003

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | NAME | Pages, Columns, Lines Where Relevant Passages or Figures Appear |
|---------------------|----|--------------------|---------------------|------|--|
| | 1A | | | | |
| | 1B | | | | |
| | 1C | | | | |
| | 1D | | | | |
| | 1E | | | | |
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| | 1G | | | | |
| | 1H | | | | |
| | 1I | | | | |
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| | 1K | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBLICATION DATE | NAME OF PATENTEE OR APPLICANT | Pages/Columns/Lines Where Relevant Passages/Figures Appear | Check if Translation attached |
|--|----|--------------------|---------------------|----------------------------------|---|-------------------------------------|
| | 1L | | | | | |
| | 1M | | | | | |
| | 1N | | | | | |
| | 1O | | | | | |
| | 1P | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|----|---|
| | 1Q | Vazirani, V.V., Approximation Algorithms, Springer-Verlag, New York, NY, Corrected Second Printing, Published on September 18, 2002, per telephone discussion with publisher. |
| | 1R | |
| | 1S | |

EXAMINER

DATE CONSIDERED